

What is claimed is:

[Claim 1] We claim as our invention:

1. A putter-type club head comprising:

a body having a face portion, a crown portion, a sole portion and a column portion, the crown portion extending rearward from the face portion to cover the column portion, the sole portion extending rearward from face portion; and

a peripheral mass belt attached to the body, the peripheral mass belt having a central mass portion, a heel arc member extending outward from the central mass portion and a toe arc member extending outward from the central mass member,

wherein the face portion, the crown portion, the sole portion and the central mass portion of the peripheral mass belt define a central aperture through the body having a heel end opening and a toe end opening, and the central aperture separates the crown portion from the sole portion and the face portion from the central mass portion.

[Claim 2] 2. The putter-type club head according to claim 1 further comprising:

a plurality of recesses on an external surface of the crown portion, each of the plurality of recesses having a circular shape with a diameter ranging from 1.62 inches to 1.70 inches; and

a plurality of circular inserts, each of the plurality of circular inserts disposed within a corresponding recess of the plurality of recesses.

[Claim 3] 3. The putter-type club head according to claim 2 wherein each of the plurality of circular inserts is composed of a thermosetting polyurethane material, and each of the plurality of circular inserts has a white color.

[Claim 4] 4. A putter-type club head comprising:

a body having a face portion, a sole portion, and a crown portion, the face portion having a recess formed therein, the sole portion extending rearward from the face portion, the crown portion extending rearward from the face portion, the crown portion having a central elongated section and a forward section, the forward section having a width from a heel end of the face portion to a toe end of the face portion of between 3.0 inches and 5.0 inches, the forward section width being greater than a width of the central elongated section;

a face insert disposed in the recess of the face portion;

an alignment means disposed on an external surface of the crown portion; and

a peripheral mass belt attached to the body, the peripheral mass belt having a central mass portion, a heel arc member and a toe arc member, the heel and toe arc members extending outward from opposing sides of the central mass portion and being coupled to the face portion of the body.

[Claim 5] 5. The putter-type club head according to claim 4 wherein the club head has a center of gravity located between 0.25 inch and 1.0 inch from an external surface of the sole portion.

[Claim 6] 6. The putter-type club head according to claim 4 wherein the club head has a center of gravity located between 0.50 inch and 2.5 inches rearward from an external surface of the face portion.

[Claim 7] 7. The putter-type club head according to claim 4 wherein the alignment means comprises two circular inserts.

[Claim 8] 8. The putter-type club head according to claim 7 wherein the two circular inserts are composed of a thermosetting polyurethane.

[Claim 9] 9. The putter-type club head according to claim 4 wherein the alignment means comprises an insert with two intersecting circles.

[Claim 10] 10. A putter-type club head comprising:

a body having a face portion, a crown portion, a sole portion and a column portion, the crown portion extending rearward from the face portion to cover the column portion, the sole portion extending rearward from the face portion; and

a peripheral mass belt attached to the body, the peripheral mass belt having a central mass portion, a heel arc member and a toe arc member, the heel and toe arc members extending outward from opposing sides of the central mass portion and being coupled to the face portion of the body,

wherein the club head has a length from the face portion to a rearward most end of the peripheral mass belt ranging from 2.5 inches to 4.5 inches.

[Claim 11] 11. The putter-type club head according to claim 10 wherein the peripheral mass belt ranges from 20 to 50 volume percent of the putter-type club head and ranges from 40 to 60 weight percent of the body.

[Claim 12] 12. The putter-type club head according to claim 10 wherein the peripheral mass belt is composed of stainless steel.

[Claim 13] 13. A putter-type club head comprising:

a body having a face portion, a crown portion, a sole portion and a column portion, the crown portion extending rearward from the face portion to cover the column portion, the sole portion extending rearward from face portion; and

a peripheral mass belt attached to the body, the peripheral mass belt having a central mass portion, a heel arc member extending outward from the central mass portion and a toe arc member extending outward from the central mass member,

wherein the body and the peripheral mass belt have substantially equal mass, and the mass of each of the body and the peripheral belt ranges from 160 grams to 180 grams.

[Claim 14] 14. A putter-type club head comprising:

a body having a face portion, a crown portion, a sole portion and a column portion, the crown portion extending rearward from the face portion to cover the column portion, the sole portion extending rearward from face portion; and

a peripheral mass belt attached to the body, the peripheral mass belt having a central mass portion, a heel arc member extending outward from the central mass portion and a toe arc member extending outward from the central mass member,

wherein the heel arc member and the body forms a heel space and the toe arc member and the body forms a toe space.

[Claim 15] 15. The putter-type club head further comprising an alignment means disposed on the crown portion.

[Claim 16] 16. The putter type-club head according to claim 15 wherein the alignment means is a large white strip.

[Claim 17] 17. The putter-type club head according to claim 14 wherein the body is composed of a material selected from the group consisting of aluminum, aluminum alloy, magnesium, magnesium alloy, titanium and titanium alloy.

[Claim 18] 18. The putter-type club head according to claim 14 wherein the body is composed of a material having a density ranging from 0.90 g/cm³ to 6.0 g/ cm³.

[Claim 19] 19. The putter-type club head according to claim 14 wherein the peripheral mass belt is composed of a material having a density ranging from 7.00 g/cm³ to 10.0 g/ cm³.

[Claim 20] 20. A putter-type club head comprising:

a body composed of an aluminum material having a density ranging from 2.0 g/cm³ to 3.0 g/ cm³, a body having a face portion, a crown portion, a sole portion and a column portion, the crown portion extending rearward from the face portion to cover the column portion, the sole portion extending rearward from face portion; and

a peripheral mass belt attached to the body, the peripheral mass belt having a central mass portion, a heel arc member extending outward from the central mass portion and a toe arc member extending outward from the central mass member, the peripheral mass belt composed of a material having a density ranging from 6.0 g/cm³ to 20.0 g/ cm³.